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MAY 01 2007

NOTICE OF PUBLIC REPOSITORY AVAILABILITY AND DIVISION OFFICE
PERMIT RENEWAL APPLICATION SUBMITTAL Waste, Pesticides & Toxics Division
U.S. EPA - REGION 5

On April 23, 2007, Citgo Petroleum Corporation submitted a Resource Conservation and Recovery Act (RCRA) Permit Renewal Application to the Illinois Environmental Protection Agency (Illinois EPA) for treatment, storage, and disposal (TSD) facilities at its petroleum refinery located in Lemont, Illinois (the Refinery). As specified in 35 Illinois Administrative Code (IAC) 703.192, the facility posts this notice of Permit Renewal Application submittal and repository availability to all persons on the facility's mailing list.

The Refinery is located at 135th Street and New Avenue, Lemont, Illinois, 60439. In addition to the standard refining operations, the Refinery maintains an inactive Land Treatment Facility (LTF). According to RCRA classification, this facility is regulated under 35 IAC 724 as a land treatment facility (Subpart M). This Renewal Application is for closure and post-closure care of the LTF.

Interested parties are invited to review copies of the facility's RCRA Permit Renewal Application at the following locations:

Lemont Public Library
50 East Wend Street
Lemont, Illinois 60439
Business Hours: Mon.-Thurs.: 9am-9pm; Fri.: 9 am-6pm; Sat.: 9am-5pm; Sun.: 1pm-6pm

Lemont Village Hall
418 Main Street
Lemont, Illinois 60439
Business Hours: Mon.-Fri.: 8:30am-5pm

Documents can be copied upon payment of the actual cost of reproduction during the regular business hours of the repository. The repository materials will be updated periodically as appropriate.

The designated facility contact who will address questions regarding the Permit Renewal Application documents is:

Mr. Claude Harmon, Health, Safety, Security, and Environmental Manager
CITGO Lemont Refinery
135th Street and New Avenue
Lemont, Illinois 60439
(630) 257-4450

To be added to the mailing list for future permit activities, please call Mr. Claude Harmon at the above number.

For general information on the hazardous waste management permit program in Illinois, please contact:

Mr. Rob Watson, Environmental Protection Engineer
Illinois Environmental Protection Agency
Bureau of Land, Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

The facility's compliance history for the lifecycle of the permit being renewed is available upon request from Mr. Rob Watson of the Illinois EPA.

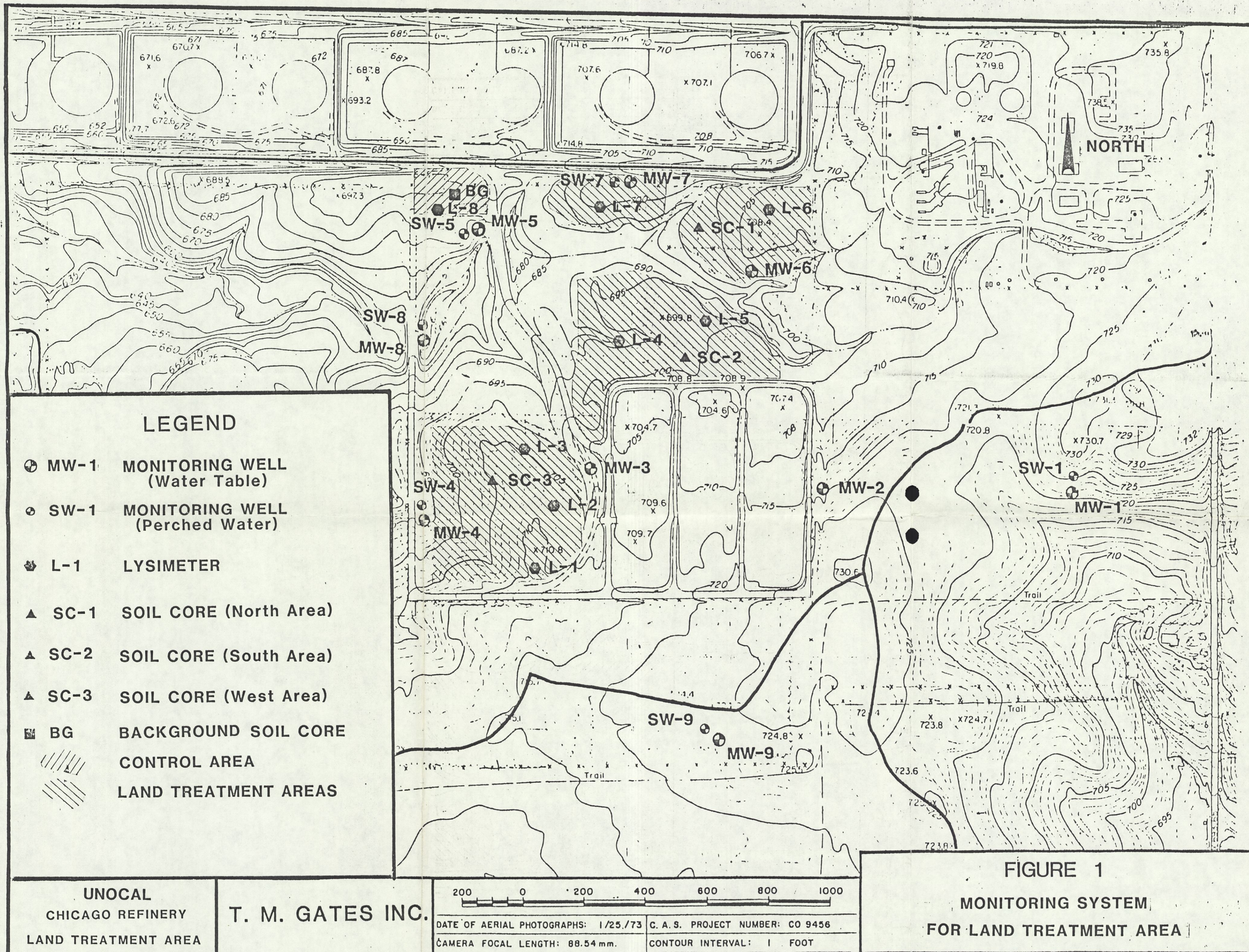
The name and telephone number of the Illinois EPA Regional Office is:

Illinois EPA Des Plaines Regional Office
Phone (847) 294-4000

US EPA RECORDS CENTER REGION 5



1000448



NOTICE OF RENEWAL APPLICATION MODIFICATION

On January 18, 2008, CITGO Petroleum Corporation (CITGO), applied to the Illinois Environmental Protection Agency (Illinois EPA) for a modification of its Approved Resource Conservation and Recovery Act (RCRA) Part B Renewal Application and RCRA Part B Permit for the treatment, storage, and disposal (TSD) facilities at its petroleum refinery located in Lemont, Illinois (the Refinery). As specified in 35 Illinois Administrative Code (IAC) 703.281(a)(2), the facility is posting this notice of permit modification request to all persons on the facility mailing list. Per 35 IAC 703, Appendix A, the modification is Class 1.

The Refinery is located at 135th Street and New Avenue, Lemont, Illinois, 60439. In addition to the standard refining operations, the Refinery maintains an inactive Land Treatment Facility (LTF). According to RCRA classification, this facility is regulated under 35 IAC 724 as a land treatment facility (Subpart M).

The Class 1 modification request includes modifying the RCRA Part B Renewal Application to reflect current information pertaining to the Refinery's groundwater monitoring wells at the LTF. Specifically, a pump obstruction in groundwater well B-18 (piezometer) was abandoned and a new well installed. The new well was constructed in the same general location and is a like-in-kind replacement.

Interested citizens are invited to review copies of the facility's Approved RCRA Part B Permit Renewal Application and modification requests at the following locations:

Lemont Public Library
50 East Wend Street
Lemont, Illinois 60439
Business Hours: Monday-Thursday: 9am-9pm; Friday: 9 am-6pm; Saturday: 9am-5pm;
Sunday: 1pm-6pm

Lemont Village Hall
418 Main Street
Lemont, Illinois 60439
Business Hours: Monday- Friday: 8:30am-5pm

Documents can be copied upon payment of the actual cost of reproduction during the regular business hours of the repository. The repository materials will be updated periodically as appropriate.

The designated facility contact who will address questions regarding the permit modification is:

Ms. Patricia Moore, Environmental Analyst
CITGO Lemont Refinery
135th Street and New Avenue
Lemont, Illinois 60439
(630) 257-4029

To be added to the mailing list for future permit activities, please call Mr. Claude Harmon at the above number.

For general information on the hazardous waste management permit program in Illinois, please contact:

Mr. Rob Watson, Environmental Protection Engineer
Illinois Environmental Protection Agency
Bureau of Land, Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

The facility's compliance history for the lifecycle of the permit is available upon request from Mr. Rob Watson of the Illinois EPA.

The name and telephone number of the Illinois EPA Regional Office is:

Illinois EPA Des Plaines Regional Office
Phone (847) 294-4000

RECEIVED
JAN 21 2008
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

RECEIVED
JAN 21 2008
OFFICE OF REGIONAL COUNCIL

Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

March 27, 1981

Dr. Keros Cartwright, Head
Hydrogeology and Geophysical
Section
Illinois State Geological Survey
431 Natural Resources Building
Champaign, Illinois 61820

Subject: Union Oil Company
Toxic Grading Project
and Tank Farm
DuPage Township, Will County

Dear Dr. Cartwright:

We are requesting any information you may have on soil in the area of subject tank farm and dump site of last summer. We question at this time if application and incorporation of sludges into the soil exceeds the agronomic capacity of the receiving soil to absorb the sludges. We would like to have this information as soon as possible as there is the possibility of renewed dumping.

Our concern, also, is about the holding basin constructed last fall which is presently receiving sludge. We are sure sludge is generated on a daily basis for a company this size, and the sludge bottoms from their storage tanks will have to be disposed of again.

Old Orchard Subdivision is now comprised of 45 homes, each with individual well sites, and is approximately one-half mile south of the tank farm and dump site. Well contamination is a great concern to us, as it is to our Cook County neighbors. For this reason we would like to have monitor wells (both shallow and deep) placed around the site, analyzed for background and then on a regular basis to determine if any pollution or contamination occurs; cost to be borne by Union Oil Company.

Dr. Keros Cartwright
Illinois State Geological
Survey

-2-

March 27, 1981

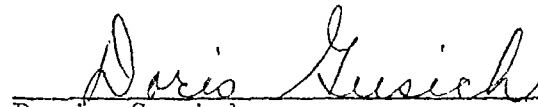
We have recently written to Dr. Thomas G. Naymik, Hydrologist, Illinois State Water Survey, and were advised by him to contact you for information regarding soil and bedrock conditions.

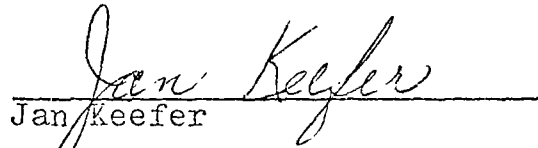
We shall expect to hear from you promptly.

Very truly yours,


Dawn Rohde


Melva Schmidt


Doris Gusich


Jan Keefer

DR

cc: File ✓

*Rec'd.
3-23-81
all.*

Illinois Institute of
**Natural
Resources**

State Water Survey Division

605 East Springfield
P.O. Box 5050, Station A
Champaign, IL 61820
217/333-2210

March 19, 1981

Dawn Rohde
Old Orchard Lane
Route #4, Box 102
Lockport, IL 60441

Dear Dawn:

I sincerely appreciate your concern for having your well water contaminated. As I've told Ron Patterson, I will assist Union Oil in their emplacement of monitoring wells.

As to the soil and bedrock conditions I suggest you contact the Illinois State Geological Survey:

Dr. Keros Cartwright, Head
Hydrogeology and Geophysical Section
Illinois State Geological Survey
431 Natural Resources Bldg.
Champaign, IL 61820

We at the State Water Survey and the State Geological Survey are both under the umbrella of the Ill. Dept. of Natural Resources. However, the Geological Survey has the file information and staff necessary to answer your request.

Sincerely,
ILLINOIS STATE WATER SURVEY

T. G. Naymik

Dr. Thomas G. Naymik
Hydrologist
Phone: (217) 333-6775

TGN:psm

Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

March 16, 1981

Mr. Jim Barringer
Will County Health Department
501 Ella Avenue
Joliet, Illinois 60433

Subject: Union Oil Company
Toxic Grading Project
and Tank Farm

Dear Mr. Barringer:

The undersigned have been providing you with copies of letters written since the dumping of sludge last summer by subject company. We also loaned our copies of EPA's Analyses Reports to Mr. Cory Hedmon so that he could run copies for his file.

We question at this time whether you have closed your file on the matter or if you still have an interest for our concerns as residents of Will County.

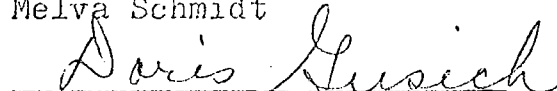
What assurances have we that dumping of sludge will not take place in the near future? We feel our most precious resource -- water -- is at stake and would like to have monitor wells, both shallow and deep, installed around the site; cost to be borne by Union Oil Company.

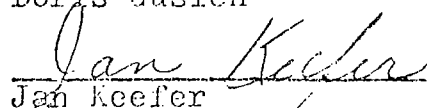
We shall expect to hear from you promptly.

Very truly yours,


Dawn Rohde


Melva Schmidt


Doris Gusich


Jan Keefer

DR

cc: File

Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

March 16, 1981

Mr. Phillip R. Van Ness
Enforcement Programs
Ill. Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

Subject: Toxic Grading Project
by Union Oil Company
DuPage Township

Dear Mr. Van Ness:

We have your letter of February 5, 1981 regarding subject project and are at this time requesting a copy of Union Oil's application for off-site disposal of its hazardous waste. We understand that once filed, it becomes a matter of public record and no bar to disclosure exists. Confidentiality or trade secret information have nothing to do with sludge.

Your letter indicated that Union Oil Company does not have a special waste permit for the grading project because it does not need one. How was the determination made by Union Oil Company, the generator, that this waste was non-hazardous? It is the responsibility of the generator of such waste to have the waste analyzed before land application. Had this been done by Union Oil Company? Also, Union Oil Company should have a statement from a soil engineer indicating that the application or incorporation of sludges into this soil will not exceed the agronomic capacity to absorb the sludges. For land application of sludges at the present time an analysis is required for the metals content, along with organics.

Since sludge is generated on a daily basis and is presently being emptied into a holding basin at the tank farm, certainly you, as an employee of the Ill. EPA, are in a most advantageous position to have a sample collected and employ the 24-hour acid leach. In this case we feel an ounce of prevention is worth a pound of cure.

RECEIVED

MAR 18 1981

MANAGEMENT BRANCH
E. L. REGAN

Mr. Phillip R. Van Ness
Enforcement Programs

Ill. Environmental Protection Agency -2- March 16, 1981


Please be advised that the Will County Health Department has a sample of sludge taken on July 30, 1980.

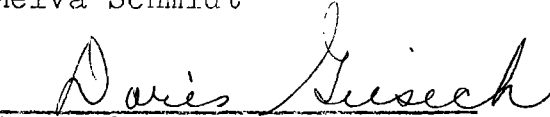
We are requesting that you mandate Union Oil Company to install monitor wells (both shallow and deep) around the site, analyze for background and then on a regular basis to determine if any pollution or contamination occurs. An hydrologist of the Illinois Department of Natural Resources should determine where monitor wells are to be located and cost to be borne by Union Oil Company.

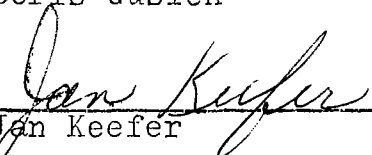
We urge your immediate response to this letter.

Very truly yours,


Dawn Rohde


Melva Schmidt


Doris Gusich


Jan Keefer

DR

cc: Ill. Dept. of Natural Resources
Will County Zoning Dept.
Will County Health Dept.
Cook County Health Dept.
Archie Reed, Ill. Atty. Gen. Office
Michael P. Mauzy, Ill. EPA
Valdas V. Adamkus, U.S. EPA ✓
Senator George E. Sangmeister
Congressman George M. O'Brien
U. S. Senator Charles H. Percy
Gov. James R. Thompson
Channel 7 News
M. Galati
File

Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

March 16, 1981

The Honorable George M. O'Brien
2439 Rayburn House Office Bldg.
Washington, D. C. 20515

Subject: Union Oil Company
Toxic Grading Project
and Tank Farm
DuPage Township

Dear Mr. O'Brien:

This will acknowledge receipt of copy of your letter of February 20, 1981 to Mr. Michael P. Mauzy, Director, Illinois Environmental Protection Agency, Springfield, concerning above company. As of this writing we have not heard from Mr. Mauzy, and find it very disgusting since his salary is derived from taxpayers' dollars.

Enclosed herewith is copy of letter dated February 5, 1981 from Mr. Phillip R. Van Ness and copy of letter dated February 9, 1981 from Mr. Eugene P. Theios, Division of Land/Noise Pollution Control. We realize that these were not requested from us but wanted to be sure you received copies of letters actually sent us.

Needless to say, our faith in the Illinois Environmental Protection Agency is quite shaken, as we have the feeling that this agency was created to protect "big business" only. As you know, the undersigned had requested an analysis be made on a 24-hour acid leach at pH5; also a check for 65 priority pollutants. While we realize the test for such is very expensive, we feel that the agency, by its refusal to perform such, is concerned with what may be revealed. After all, Mr. Van Ness would not personally be paying for this; it would be paid for from taxpayers' money.

It also indicates in the letter from Mr. Van Ness that the possibility of such a test could be run on newly-generated sludges. Sludges are generated constantly by a company the size of Union Oil Company.



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

Rec'd. 2-11-81
AK

217/782-6760

Refer to: Will County - DuPage Twp./Union Oil Company Tank Farm

February 9, 1981

Dawn Rohde
Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

Dear Ms. Rohde:

This will acknowledge receipt of your letter of January 20 addressed to this Division regarding activity at Union Oil Company Tank Farm in DuPage Township in Will County, Illinois. Be advised that no waste treatment or disposal permits have been issued to Union Oil Company at that site by the Land Pollution Control Division.

By carbon copy of this letter, I am requesting that the staff of our Field Operations Section investigate to determine if violations of Land Pollution Control have occurred.

It is my understanding that your previous letter had been forwarded to the Agency's Water Pollution Control Division for their investigation. You may be assured that field staff will investigate this matter.

Sincerely,

Eugene P. Theios, Manager
Solid Waste Unit
Residual Management Section
Division of Land/Noise Pollution Control

EPT:vlt

cc: Northern Region - Field Operations
Division of Water Pollution Control



EDWARD F. PETKA
State's Attorney of Will County

COURTHOUSE, JOLIET, ILLINOIS 60431
TELEPHONE (815) 727-8453



RODNEY B. LECHWAR
First Assistant

September 17, 1980

Mr. Theodore M. Denning, P. E.
Illinois Environmental Protection Agency
1701 South 1st Street
Maywood, IL 60153

Re: Disposal of sludge by Union Oil
of California

Dear Mr. Denning:

On or about August 8, 1980, as you may recall, a problem arose with the dumping of allegedly storm water sludge by the Union Oil Company of California on an open field.

Our office was involved and the assurances were made by Union Oil that all matters would be resolved satisfactorily. We received your mail gram of August 11, 1980 and also your letter of August 21, 1980, for which we thank you. It was our understanding that this matter had been finally resolved and nothing else remained to be done. On that basis we so advised the Chairman of the Zoning and Subdivision Committee of the Will County Board (copy of your letter and three documents are attached).

We now received a letter (copy attached) from Mrs. Clarence Rohde alleging that the plow-disc harrowing has not yet been completed. We have no indication that any additional sludge has been dumped on the site and the possibility exists that repeated discing may be required to fully spread the previously deposited sludge. In any case, we are bringing this information to your attention in order that final resolution of this problem may be achieved.

Truly yours,

JOSE M. NUNES
ASSISTANT STATE'S ATTORNEY

JMN:kap
Enc.

cc: Mrs. Clarence Rohde

Mr. Ray Woock
Chairman, Zoning & Subdivision Committee

Rec'd. 1-21-81
1-29-81



COPY

COMMITTEES:

CHAIRMAN
JUDICIARY II

MEMBER
LOCAL GOVERNMENT
REVENUE
TRANSPORTATION

ADDRESSES

2. INWOOD AVENUE
JOLIET, ILLINOIS 60438
(815) 744-3456

1052 STRATTON BUILDING
SPRINGFIELD, ILLINOIS 62706
(217) 782-8800

ILLINOIS STATE SENATE
GEORGE E. SANGMEISTER
STATE SENATOR - 42ND DISTRICT

January 28, 1981

Mr. Phillip Van Ness
Enforcement Division
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

RE: UNION OIL COMPANY - DU PAGE TOWNSHIP

Dear Mr. Van Ness:

I received a carbon copy of a letter to you from concerned property owners in Old Orchard Lane - Lockport, Illinois concerning their request for certain information pertaining to the Union Oil Company.

I am sure that you agree that without question they are entitled to this information and I would appreciate your responding promptly to their letter.

Very truly yours,

GEORGE E. SANGMEISTER
STATE SENATOR
42ND DISTRICT

GES:eb

CC: Ms. Dawn Rohde

Not being a chemist, I have spent some time discussing the pros and cons and characteristic differences between the two types of tests (acid vs. water leach) with several of the Agency's engineers and chemists. It is a very complex subject, the object of some disagreement among professional chemists. There appears to be no serious disagreement, however, that in some cases a water leach test is preferable while in other cases an acid leach test is preferable. The deciding factor is the nature of the site for which the sampling is done: if the site is a sanitary landfill, for instance, an acid leach is preferable, since such landfills typically generate heat and somewhat acidic soil conditions (approximately pH 5). If the site is not a landfill, with layer upon layer of deteriorating mass generating the landfill's characteristic heat and acidity, an acid leach test would not produce a "realistic" analysis, any more than a sample taken from a compost heap would constitute a "realistic" sample of the soil in a person's lawn or garden.

In the Union Oil case, an acid leach did not and does not appear to be the proper test methodology, in the Agency's view. It might yield different results from those of the water leach test employed by the Agency but these differences would be unpredictable and probably meaningless in the context of Union Oil's operation. The test employed by the Agency disclosed the following concentrations (mg/l) of potentially toxic materials:

Zinc	0.9
Iron (total)	3.3
Arsenic	0.052
Chromium (total)	0.97
Cadmium	0.00

These concentrations are far below the threshold at which these substances are deemed toxic (for instance, the standard for toxicity for Arsenic -- the point at which Arsenic-bearing sludges are required to be classified as Toxic or Special Wastes -- is 5.0 mg/l, almost 100 times the Arsenic concentration found in Union's sludge). In addition, other tests run by the Agency and by the Metropolitan Sanitary District disclosed a high level of biochemical oxygen demand, indicating the presence of large numbers of microorganisms -- a condition generally inconsistent with the presence of toxic concentrations of pollutants. Given these results, the Agency did not test further for "priority pollutants" since such tests, which can be very expensive, did not appear warranted.

For all the reasons given above, therefore, and because the errant sludges have long since been cleaned up, plowed under or washed away, I am unable to provide you with an analysis based upon a 24-hour acid leach. Possibly, such a test could be run on newly-generated sludges, but such a test would be of doubtful relevance to the events of last year or to Union Oil's operations generally, since their land application of sludges does not approximate a landfill operation.

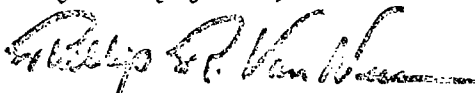
You have requested a copy of Union Oil Company's Special Waste Disposal Application. I am uncertain as to what you want. Union Oil has applied for and received two permits to dispose of hazardous and non-hazardous materials at an Agency-approved landfill (ESL-Joliet). It does not have a separate special waste permit for the grading project to which you refer, because it does not need one. It will need such a separate special waste disposal permit only if:

1. The site accepts waste sludges from other facilities; or
2. The site accepts toxic, or hazardous, wastes; or
3. The application or incorporation of sludges into the soil exceeds the agronomic capacity of the receiving soil to absorb the sludges.

None of these factors exist at this site, to the Agency's knowledge. Please note that the results of the previously-mentioned laboratory analyses tend to confirm the absence of toxic wastes at this site. If you wish to view Union Oil's application for off-site disposal of its hazardous wastes, please let me know. If no bar to disclosure exists (e.g., confidential or trade secret information), I will be happy to provide you a copy.

I realize the Agency's response to your requests is not what you expected or hoped for. Please understand that the Agency and I appreciate and share your concern for the environment. The technical problems confronted by the Agency daily are often complex and controversial; sometimes, as in this case, simple questions cannot be answered simply. The Agency's assessment of the situation at Union Oil's facility last August was made in reliance upon data obtained by it or available to it at the time. New data and new circumstances could alter that judgment. If you have any information which the Agency might be able to use, please don't hesitate to let me know. If you have further comments or questions, please direct them to me at the above address or phone number.

Very truly yours,



Phillip R. VanNess
Enforcement Programs

PRV:rd2412H/30-32

cc: Bernard Killian
Rep. Sangmeister

*Note: I telephoned Sen. Sangmeister's
Joliet Office in an effort to find
out who Mr. Killian was or how
he fit into the picture. I was advised
that Mr. Killian works closely with
I am under Mangy's supervision.*



*Rec'd. 12-19-80.
D.R.*



TYRONE C. FAHNER

ATTORNEY GENERAL
STATE OF ILLINOIS
160 NORTH LA SALLE STREET
CHICAGO 60601

TELEPHONE
793-3500

December 17, 1980

Old Orchard Lane
Route No. 4, Box 102
Lockport, Illinois 60441

Dear Madams and Sirs:

Your letter of November 13, 1980, addressed to Mr. Tyrone C. Fahner, Illinois Attorney General, was forwarded to me for investigation.

This type of legal procedure involving local zoning ordinances falls within the jurisdiction of the County States Attorney's office. Any enquiries pertaining to these matters should be directed to that office.

If any questions relating to matters which fall within the jurisdiction of the Illinois Attorney General, please contact this office.

Sincerely,

A handwritten signature in cursive script that reads "Archie Reed".

ARCHIE REED
Investigator, Environmental
Control Division
Illinois Attorney Generals Office
188 West Randolph Street
Suite 2315
Chicago, Illinois 60601
(312) 793-2491

cc: Jose Nunes

Old Orchard Lane
Route #4, Box 102
Lockport, Illinois 60441

November 13, 1980

Mr. Michael P. Mauzy, Director
Ill. Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

SUBJECT: TOXIC GRADING PROJECT
BY UNION OIL COMPANY
DU PAGE TOWNSHIP

Dear Mr. Mauzy:

We have a copy of your letter of October 16, 1980 to Congressman George M. O'Brien concerning subject project and wish to question the following:

1. "The report from the gas chromatograph/mass spectrometer analyses shows that the material being applied to the land contains 40,000 µg/g #2 diesel oil." This is 4.0% #2 diesel oil. Isn't this percentage quite high?
2. Where did benzene in the air space of sample bottle come from if not in sludge?
3. Does Union Oil Company have a sanitary landfill permit for the site? See enclosed copy of letter dated August 8, 1980 from Will County Zoning Department to Union Oil Company of California District Office.
4. Aren't cyclohexanes and other aliphatic hydrocarbons highly flammable?

It is the understanding of the undersigned that fuel oil is ignitable and, as such, is considered a hazardous waste.

We are requesting that you mandate Union Oil Company to install monitor wells (both shallow and deep) around the site, analyze for background and then on a regular basis to determine if any pollution or contamination occurs. An hydrologist of the Illinois Department of Natural Resources should determine where monitor wells are to be located and cost to be borne by Union Oil Company.